

Flame retardant styrene -based resin compsn. - includes halogenated bisphenol-A and brominated di phenyl alkane(s) as flame retardants and a flame retardancy assistant.

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C08L025-04; C08K003-22; C08K005-03; C08L023-28EQUIVALENT ABSTRACT TREATED AS BASIC:JP 07216160 A UPAB: 19 October, 1995A flame-retardant styrene-based resin compsn. consists of: (A) a 100 pts.wt.-styrene-based resin; (B1) 2-50 pts. wt.-bisphenol-A halide contg. atleast 35 wt.% of halogen as flame retarder (I); (B2) 0.5-30 pts.wt.-brominated diphenyl alkane contg. at least 50 wt.% of bromine as flameretarder (II); and (C) a 1-30 pts. wt.-flame retardancy assistant.The wt. ratio of the flame retarder (I)/the flame retarder (II) is 0.1-10.USE - The flame-retardant styrene-based resin compsn. is used formoulding.ADVANTAGE - The flame-retardant styrene-based compsn. has good flameretardancy, tensile strength, dropping impact strength, impact resistant, and superior heat resistance and weatherability, and readily forms amoulding having superior mechanical characteristics.Dwg.0/0

Abstract

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A flame resistant styrenic resin compsn. comprises (A) 100 pts. wt. styrenic resin; (B1) 2-50 pts. wt. flame retardant (I) (halogenated bisphenol A in which halogen content is at least 35 wt.%); (B2) 0.5-30 pts. wt. flame retardant (III) (brominated diphenyl alkane in which bromine content is at least 50 wt.%); and (C) 1-30 pts. wt. flame retardant assistants. Flame retardant I/II wt. ratio is 0.2-10. Dwg.0/0

Inventor(s)

CHERN, J; SHIUE, D; SHY, M

Assignee(s)

(CHIM-N) CHI MEI CORP

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